

Appl. No. 09/447,301
Amdt. Dated October 17, 2006
Reply to Office Action of April 17, 2006

REMARKS

Applicant respectfully requests reconsideration of the prior art rejections set forth by the Examiner under 35 U.S.C. sections 102 and 103. Applicant respectfully submits that the prior art references of record, whether considered alone, or in combination, fail to either teach or suggest Applicants presently claimed invention. More specifically, by the present amendment, Applicant has modified the independent claims to further specify and that a read-out gate is provided to transfer signal charges from the sensor array to the accumulation gate. Neither Elabd nor any other reference of record describes the structure as now specified in each of the independent claims wherein a read-out gate transfers signal charges from a sensor array to an accumulation gate and the accumulation gate subsequently transfers the signal charges to the transfer registers.

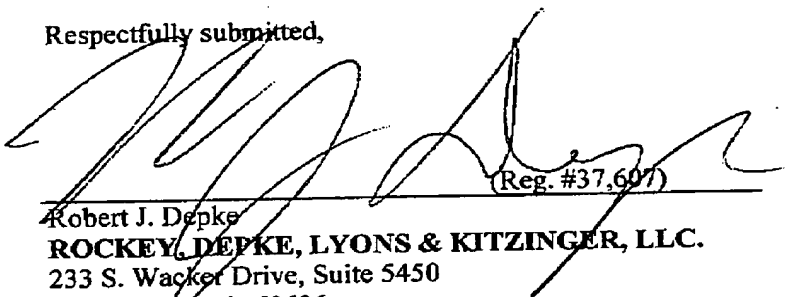
Applicant has also added additional dependent claims 15-16 which alternately specify that the gate material for the read-out gate and the accumulation gate is comprised of the same material. Additionally, new claims 17-18 have been added which alternately specify that all of the signals transferred from the sensor of array through the read-out gate to the accumulation gate are subsequently transferred to the transfer registers. Applicant respectfully submits that the prior art references of record fail to teach or suggest the subject matter of the invention as now claimed.

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Accordingly, in light of the foregoing, Applicant submits that all claims now stand in condition for allowance.

Respectfully submitted,

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